

LAPORAN PRAKTIKUM

PEMROGRAMAN VISUAL

2023



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TUGAS 6 MENGGUNAKAN VB NET 2015

1. Aplikasi Untuk Menentukan Biaya Registrasi untuk Beberapa Prodi di mana Setiap Prodi Memiliki Biaya yang Berbeda Menggunakan Combobox

a. Source Code

```
Imports System.Globalization 'Fungsi mengimport format currency'

Public Class Form1
    Private Sub Form1_Load(sender As Object, e As EventArgs)
        Handles MyBase.Load
            cmbProdi.Items.Clear() 'Fungsi untuk menghapus item yang
            ada di dalam combobox ketika form dijalankan'
            cmbProdi.Items.Add("Teknik Informatika") 'Fungsi untuk
            menambah item di dalam combobox'
            cmbProdi.Items.Add("Teknik Industri")
            cmbProdi.Items.Add("Akuntansi")
        End Sub

    Private Sub cmbProdi_SelectedIndexChanged(sender As Object, e
        As EventArgs) Handles cmbProdi.SelectedIndexChanged
        If cmbProdi.Text = "Teknik Informatika" Then 'Jika prodi
        dipilih Teknik Informatika'
            txtJenjang.Text = "S1 dan D3"
            txtBiaya.Text = "400000"
            txtBayar.Clear() 'Fungsi untuk menghapus isi kolom
            Bayar'
            txtKembalian.Clear()
        ElseIf cmbProdi.Text = "Teknik Industri" Then 'Jika prodi
        dipilih Teknik Informatika'
            txtJenjang.Text = "S1 dan D3"
            txtBiaya.Text = "450000"
            txtBayar.Clear() 'Fungsi untuk menghapus isi kolom
            Bayar'
            txtKembalian.Clear()
        ElseIf cmbProdi.Text = "Akuntansi" Then 'Jika prodi
        dipilih Teknik Informatika'
            txtJenjang.Text = "S1"
            txtBiaya.Text = "500000"
            txtBayar.Clear() 'Fungsi untuk menghapus isi kolom
            Bayar'
            txtKembalian.Clear()
        End If
    End Sub

    Private Sub btnSubmit_Click(sender As Object, e As EventArgs)
        Handles btnSubmit.Click
        Dim Kembalian As Integer
        Kembalian = Val(txtBayar.Text) - Val(txtBiaya.Text)
        'Fungsi Perhitungan Kembalian'
        txtKembalian.Text = Kembalian.ToString("C",
        CultureInfo.CreateSpecificCulture("id-ID")) 'Fungsi menampilkan
        kembalian dalam format Rupiah atau Rp'
```

End Sub
End Class

b. Screenshot Hasil Run Program

The screenshot shows a web application window titled 'Registrasi'. The main heading is 'Aplikasi Penentuan Biaya Registrasi'. The form contains the following fields and values:

Field	Value
Program Studi	Teknik Informatika
Jenjang	S1 dan D3
Biaya	400000
Bayar	500000
Kembalian	Rp100.000,00

A 'Submit' button is located below the 'Bayar' field.

The screenshot shows the same web application window with the following fields and values:

Field	Value
Program Studi	Teknik Industri
Jenjang	S1 dan D3
Biaya	450000
Bayar	500000
Kembalian	Rp50.000,00

A 'Submit' button is located below the 'Bayar' field.

The screenshot shows the same web application window with the following fields and values:

Field	Value
Program Studi	Akuntansi
Jenjang	S1
Biaya	500000
Bayar	750000
Kembalian	Rp250.000,00

A 'Submit' button is located below the 'Bayar' field.

2. Aplikasi untuk Menentukan Harga Tiket Masuk Tempat Wisata di mana untuk Anak-Anak dan Dewasa Memiliki Harga yang Berbeda dan untuk Menentukan Total Bayar Pembelian di mana Mereka yang Termasuk Member Akan Mendapatkan Diskon 10% Menggunakan Radio Button dan Checkbox

a. Source Code

```
Imports System.Globalization 'Funngsi mengimport Format Currency'
```

```
Public Class Form1
```

```
    Private Sub btnTotalHarga_Click(sender As Object, e As EventArgs) Handles btnTotalHarga.Click
```

```
        Dim gbTiketMasuk As Decimal
```

```
        Dim gbMember As Decimal
```

```
        Dim Total As Decimal
```

```
        If rbAnak.Checked = True Then
```

```
            gbTiketMasuk = 20000
```

```
        ElseIf rbDewasa.Checked = True Then
```

```
            gbTiketMasuk = 40000
```

```
        End If
```

```
        If cbBukanMember.Checked = True Then
```

```
            gbMember = 0
```

```
        End If
```

```
        If cbMember.Checked = True Then
```

```
            gbMember = (gbTiketMasuk * 10 / 100)
```

```
        End If
```

```
        Total = gbTiketMasuk - gbMember
```

```
        txtTotal.Text = Total.ToString("C",
```

```
        CultureInfo.CreateSpecificCulture("id-ID")) 'Fungsi menampilkan output currency dalam format Rupiah atau Rp'
```

```
    End Sub
```

```
End Class
```

b. Screenshot Hasil Run Program

The screenshot shows a Windows application window titled 'Form1'. The application is titled 'Aplikasi Pemesanan Tiket Tempat Wisata'. It has an orange background. The text 'Harga Tiket Masuk' is displayed, followed by 'Anak-anak = Rp20.000' and 'Dewasa = Rp40.000'. Below this, there are two sections: 'Tiket Masuk' and 'Member'. The 'Tiket Masuk' section has two radio buttons: 'Anak-anak' (which is selected) and 'Dewasa'. The 'Member' section has two checkboxes: 'Bukan Member' (which is checked) and 'Member (Diskon 10%)'. In the center, there is a button labeled 'Total Harga'. At the bottom, there is a label 'Total' followed by a text box containing 'Rp20.000,00'.

Form1

Aplikasi Pemesanan Tiket Tempat Wisata

Harga Tiket Masuk
Anak-anak = Rp20.000
Dewasa = Rp40.000

Tiket Masuk

☒ Anak-anak
☐ Dewasa

Member

☐ Bukan Member
☒ Member (Diskon 10%)

Total Harga

Total Rp18.000,00

Form1

Aplikasi Pemesanan Tiket Tempat Wisata

Harga Tiket Masuk
Anak-anak = Rp20.000
Dewasa = Rp40.000

Tiket Masuk

☐ Anak-anak
☒ Dewasa

Member

☒ Bukan Member
☐ Member (Diskon 10%)

Total Harga

Total Rp40.000,00

Form1

Aplikasi Pemesanan Tiket Tempat Wisata

Harga Tiket Masuk
Anak-anak = Rp20.000
Dewasa = Rp40.000

Tiket Masuk

☐ Anak-anak
☒ Dewasa

Member

☐ Bukan Member
☒ Member (Diskon 10%)

Total Harga

Total Rp36.000,00